First & Final Bill

SBRNO-314/14-15
dt:28-2-15

M. A. R. 57 (Rule 116)
Measurement Book

BR-475/28-2-15

No. B 251030

Serial No. .....

Name of Work Providing CC Roads in Yalumandamma Badavane in ward no-10. From ..... To .....

Name of Contractor of nature of Agency ....Sri. Aswathnarayan Anjanappa.....

Date of commencement of work .....

BRNO: 475
28-2-15

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code no:- 010-15-000042.						
	Agreement no:- 284 Dated 03-02-2015.						
	Work order no:- EE/BTP/BBMP/E-DMT/284/2014-15. Date 03-02-2015.						
	Address of Agency:- #38, Channappa Layout, Sharadamba nagara Jalahalli, Bangalore-13.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 03-02-2015.						
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods, etc complete as per specifications.						
	Yelumandamma badavane	L	31.00	(4.9+3.00)/2	0.15	= 19.30 cum	
		L	20.00	(3.5+3.00)/2	0.15	= 10.35 cum	
		L	30.00	(2.8+2.9)/2	0.15	= 12.83 cum	
		L	9.30	(2.9+2.8)/2	0.15	= 3.98 cum	
		L	14.00	5.00	0.15	= 10.50 cum	
		L	21.00	(2.9+3.0)/2	0.15	= 9.14 cum	

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Serial No. .....
Name of Work ..... From...
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
		L
		L
		L
		L
		L
		L
		L
	Culvert	L
		L
		L

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	Depth 6	Contents 7	Reference to last Measurement 8
	15.		
		hard soil involving an average erage lift upto 0.5m, excavated the disposed earth to be levelled ete as per specifications.	
	0.15 =	19.30 cum	
	0.15 =	10.35 cum	
	0.15 =	12.83 cum	
	0.15 =	3.98 cum	
	0.15 =	10.50 cum	
	0.15 =	9.14 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251031

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	21.00	2.00	0.15 =	6.30 cum	
		1	12.50	(5.10+5.0)/2	0.15 =	9.47 cum	
		1	13.50	(3.1+3.00)/2	0.15 =	6.18 cum	
		1	30.00	(2.2+2.0)/2	0.15 =	9.45 cum	
		1	12.00	(2.0+2.10)/2	0.15 =	3.69 cum	
		1	29.60	(4.0+4.20)/2	0.15 =	18.20 cum	
	Culvert	1	16.00	4.70	0.15 =	11.28 cum	
		1	18.00	5.20	0.15 =	14.04 cum	
		1	6.10	2.00	1.20 =	14.64 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached Pilasters buttresses, plinth and string courses cost of all materials labour etc						
		1	6.10	0.60		= 3.66 Sqm	
		1x2	6.10		0.23	= 2.81 Sqm	
		1x2	1.80		0.23	= 0.83 Sqm	
					Total	= 7.29 Sqm	
		Qty limited to Tender				= 7.19 Sqm	
		@ Rs 292.00					Rs 2099.00
9)	providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregate						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	machine mixed, concrete in foundation, plinth and Yalwandadamna badawane	Lab

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Depth 6	Contents 7	Reference to last Measurement 8
		...tting, propping etc and ...e such as walls at any ...buttresses, plinth and ...r etc.
=	3.66 Sqm	
0.23 =	2.81 Sqm	
0.23 =	0.83 Sqm	
otal =	7.29 Sqm	
ender =	7.19 Sqm	
	Rs 2099.00	
		...ent concrete of mix M20 ...own size graded granite ...fine aggregate)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251035

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	machine mixed, concrete laid in layers not exceeding 15cms thick well compacted in foundation, plinth and cills, including cost of all materials, Yalwandawana badawane						
		1	31.00 (4.9+3.40)/2		0.10	= 12.87 Cum	
		1	20.00 (3.5+3.40)/2		0.10	= 6.90 Cum	
		1	30.00 (2.8+2.9)/2		0.10	= 8.55 Cum	
		1	9.30 (2.9+2.80)/2		0.10	= 2.65 Cum	
		1	14.00	5.00	0.10	= 7.00 Cum	
		1	21.00 (2.9+3.0)/2		0.10	= 6.09 Cum	
		1	21.00	2.00	0.10	= 4.20 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	12.50	(5.10+5.0)/2	0.10	= 6.31 Cum	
		1	13.50	(3.10+3.0)/2	0.10	= 4.12 Cum	
		1	30.00	(2.2+2.0)/2	0.10	= 6.30 Cum	
		1	12.00	(2.0+2.10)/2	0.10	= 2.46 Cum	
		1	29.60	(4.0+4.20)/2	0.10	= 12.14 Cum	
		1	16.00	4.70	0.10	= 7.52 Cum	
		1	18.00	5.20	0.10	= 9.36 Cum	
					Total =	96.76 Cum	
		Qty limited to Tender =				96.30 Cum	
						Rs 5852.00	Rs 563548.00

Left Limited

C&FC

28/12/2015

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
10)	Vaccuen De-watering with va with Skin floater clubbed wi of machinary Screed vibra as per Specifications Yalumandamma badavane	1 1 1 1 1

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pth 6	Contents 7	Reference to last Measurement 8
10 =	6.31 cum	
10 =	4.12 cum	
10 =	6.30 cum	
10 =	2.46 cum	
10 =	12.14 cum	C&FC of
10 =	7.52 cum	
0 =	9.36 cum	
tal =	96.76 cum	28/12/2015
e =	96.30 cum	
	RS 563548.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251036

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
10)	Vaccuum DE-watering with vaccuum pump and Suction mat and compaction with Skim floater clubbed with floating duct including cost of generator of machinary screed vibratory, Power floater, blade and duct etc complete as per Specification						
	Yalamandamma Kadavuru	1	31.00	(4.9+3.40)/2		= 128.65 Sqm	
		1	20.00	(3.5+3.40)/2		= 69.00 Sqm	
		1	30.00	(2.8+2.90)/2		= 85.50 Sqm	
		1	9.30	(2.9+2.80)/2		= 26.51 Sqm	
		1	14.00	5.00		= 70.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		L	21.00	(2.9+3.0)/2		= 60.90 Sqm	
		L	21.00	2.00		= 42.00 Sqm	
		L	12.50	(5.10+5.0)/2		= 63.13 Sqm	
		L	13.50	(3.10+3.0)/2		= 41.18 Sqm	
		L	30.00	(2.2+2.0)/2		= 63.00 Sqm	
		L	12.00	(2.0+2.10)/2		= 24.60 Sqm	
		L	29.60	(4.0+4.20)/2		= 121.36 Sqm	
		L	16.00	4.70		= 75.20 Sqm	
		L	18.00	5.20		= 93.60 Sqm	
					Total =	964.62 Sqm	
					Qty limited to Tender =	963.00 Sqm	
						Rs 93411.00	

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Rs 97.00

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Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
11)	providing groove cutting for 800mm-1000mm including c blade, coolant etc, inclua bitumen fillarjon and filler m	4(3 3 4 6 6 4

	Contents	Reference to last Measurement
	7	8
=	60.90 Sqm	
=	42.00 Sqm	
=	63.13 Sqm	
=	41.18 Sqm	
=	63.00 Sqm	
=	24.60 Sqm	
=	121.36 Sqm	
=	75.20 Sqm	
=	93.60 Sqm	
=	964.62 Sqm	
=	963.00 Sqm	
	RD	93411.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251037

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	11) providing groove cutting for cement Pavement with of 5mm to 10mm and depth 800mm-1000mm including cost of cutting machine, generated, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarjon and filler metal etc including of conveyance of all materials.						
		4	3.40		=	13.60 Rmt	
		3	4.00		=	12.00 Rmt	
		3	2.00		=	6.00 Rmt	
		4	3.00		=	12.00 Rmt	
		6	3.00		=	18.00 Rmt	
		6	4.00		=	24.00 Rmt	
		4	3.50		=	14.00 Rmt	
				Total	=	99.60 Rmt	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty limited to Tender = 98.00 Rmt @ Rs 124.00				98.00 Rmt	Rs 12152.00
	12) Lead for Disposal of Debris Shall be Payable at carriage rates by Mechanical means including loading and unloading, etc complete as per Specifications.						
		Qty vide Item No-1 = 103.25 Cum @ Rs 78.00				103.25 Cum	Rs 8054.00
	13) Add 1% of third Party Inspection charges						Rs 14350.00
						Total Rs	1449384.00
						Jadhav AE 28/2/2015	143503/-

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರ ಉಪ ವಿಭಾಗ
ಸ. ಕಾ. ಅ.
ಯಲಹಂಕ ವಲಯ,
ಬೆಂಗಳೂರು-97.

IT - 14350-
VAT - 57401-
TDS - 86102-
NET - 14350-
ASP Pass
Jan 2015

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

M. A.
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From

Date	Full description, etc, of work	Number
1		3
	Certificate :- Certified that the above issued from departme	

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Depth 6	Contents 7	Reference to last Measurement 8
ender =	98.00 Rmt	
	RS 12152.00	
ole at carriage rates by nd unloading, etc complete		
-L =	103.25 Cum	
	RS 8054.00	
arges	RS 14350.00	
	Total RS 1449384.00	
	Zadhav	143503/=
	AE 28/2/2015	

M. A. R. 57 (Rule 116) 143503/= 251038

Measurement Book No. B

Serial No. .....

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate :- Certified that the above work done satisfactory and no materials issued from departmentaly Zadhav AE 28/2/2015						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯುದೀಕರಣ ಉಪ ವಿಭಾಗ,
ಸ. ರಾ. ಶ.
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97